

**ABSTRACT OF THE DISCLOSURE**

The present invention relates to an improved method to process, purify and/or produce biopharmaceuticals or other products involving automated blending of pH buffered solutions from water and common stocks of concentrated acids and bases, and other components. This approach reduces the cost and complexity of the solution preparation systems required for producing these solutions under aseptic or sterile conditions, and reduces the material costs of the solutions themselves. This approach is particularly beneficial to use with continuously-produced feedstocks and with continuous separation operations.

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